Did Newton make his laws right when he got the idea or after many years? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Sir Isaac Newton’s first law is… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

When Andy threw the ball at Ben, the ball had force pushing on it from gravity and air resistance. That is why if Ben wasn’t there the ball would’ve still fallen to the ground because of those forces.

Sir Isaac Newton’s second law is… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

When Ben kicked the ball they took the force from the kick and divided it by the balls mass to find the acceleration. You could also do it the other way by multiplying the balls acceleration by its mass to find the force exerted on the ball.

Sir Isaac Newton’s third law is…

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When Andy hit the Q ball and then that hit the black ball it moved the black ball. It also stopped the Q ball because a force from the black ball made the Q ball stop.